

1546641-1 ✓ ACTIVE

### Industrial RJ45 Variant 3

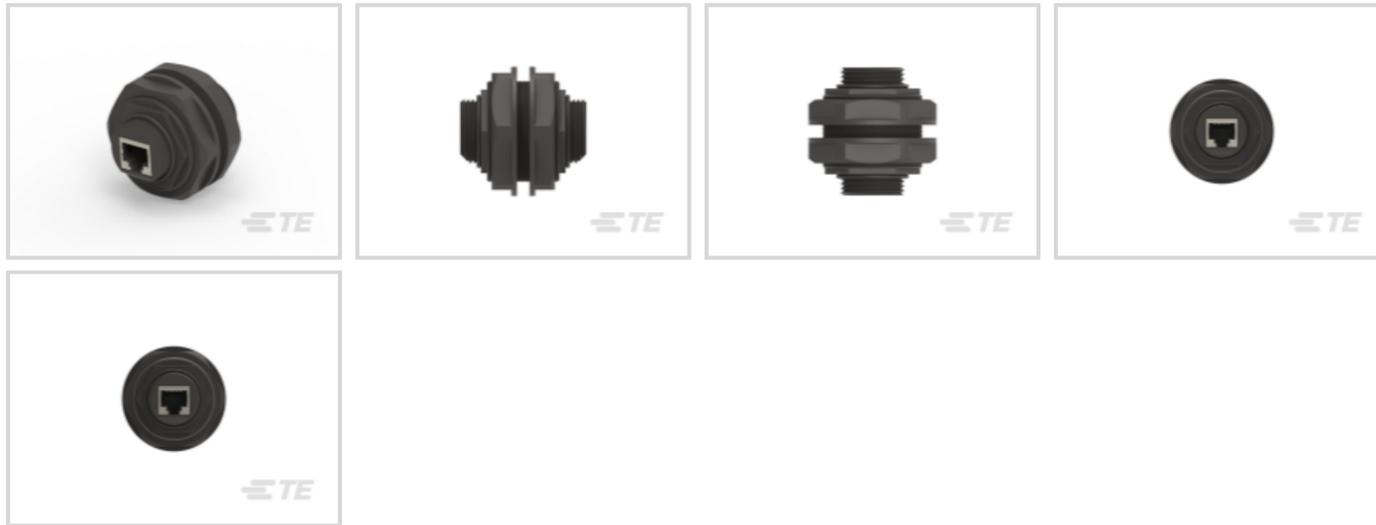
TE Internal #: 1546641-1

Circular RJ45 Connector, Single Port, Receptacle, Cat 5, 8 Position,  
Wire & Cable, Signal, Industrial RJ45 Variant 3

[View on TE.com >](#)



Connectors > Modular Jacks & Plugs > RJ45 Connectors



Modular Jack & Plug Interface Type: **Circular RJ45**

Port Configuration: **Single Port**

Modular Jacks & Plugs Products: **RJ Type Jacks & Plugs**

Connector Contact Density: **Standard**

Modular Connector Style: **Receptacle**

## Features

### Product Type Features

Modular Jack & Plug Interface Type	Circular RJ45
Modular Jacks & Plugs Products	RJ Type Jacks & Plugs
Modular Connector Style	Receptacle
Connector & Contact Terminates To	Wire & Cable

### Configuration Features

Port Configuration	Single Port
Connector Contact Density	Standard
Number of Positions	8
Number of Loaded Positions	8

### Contact Features

Contact Current Rating (Max)	1.5 A
Contact Mating Area Plating Material	Gold (Au)

### Mechanical Attachment

Connector Mounting Type	Panel Mount
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### Housing Features

Housing Material	Acrylonitrile-Butadiene-Styrene(ABS)
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### Usage Conditions

Operating Temperature Range	-20 – 80 °C[-4 – 176 °F]
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### Operation/Application

Indicator Type	No Indicator
Shielded	No
Circuit Application	Signal

### Industry Standards

IP Rating	IP67
Performance Category	Cat 5

### Packaging Features

Packaging Quantity	1
Packaging Method	Package

### Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not applicable for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides

on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

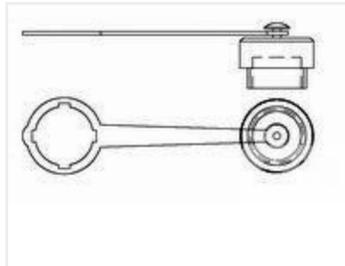
## Compatible Parts



TE Part # 1-1546407-1  
ETHERNET CLOSURE CAP IP65,W/O LANYARD



TE Part # 1-1546406-1  
ETHERNET CLOSURE CAP RECPT W /LANYRD



TE Part # 1-1546408-1  
ETHERNET CLOSUR CAP FOR CRDSET

## Also in the Series | Industrial RJ45 Variant 3



Connector Caps & Covers(2)

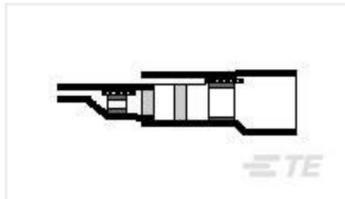


RJ45 Connectors(7)

## Customers Also Bought



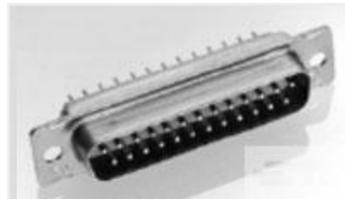
TE Part #8264810001  
TMS-SCE-2.5K-3/16-2.0-9



TE Part #292151-000  
B-040-28-N



TE Part #32994-1  
TERM, SOLIS, R, 12-10, M4(#8), TL



TE Part #205162-1  
AMPLIMITE,ASY,PLUG,STD,109,1



TE Part #1534809-1  
HD20 COVER KIT25POS WITH CABLE



TE Part #1546670-8  
8P .437" DR BARRIER,W/BND SCRW



TE Part #9-1879354-8  
RR03 5% 3K6 AMMO



TE Part #2123524-2  
KIT, SM DUPLEX, TJ-LC, G2



## Documents

### Product Drawings

[THRD THRU PNL INTRCNCT,M40,IE](#)

English

### CAD Files

Customer View Model

[ENG\\_CVM\\_CVM\\_1546641-1\\_A.2d\\_dxf.zip](#)

English

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_1546641-1\\_A.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_1546641-1\\_A.3d\\_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

### Datasheets & Catalog Pages

[INDUSTRIAL\\_ETHERNET\\_PRODUCTS](#)

English